

FIG. I

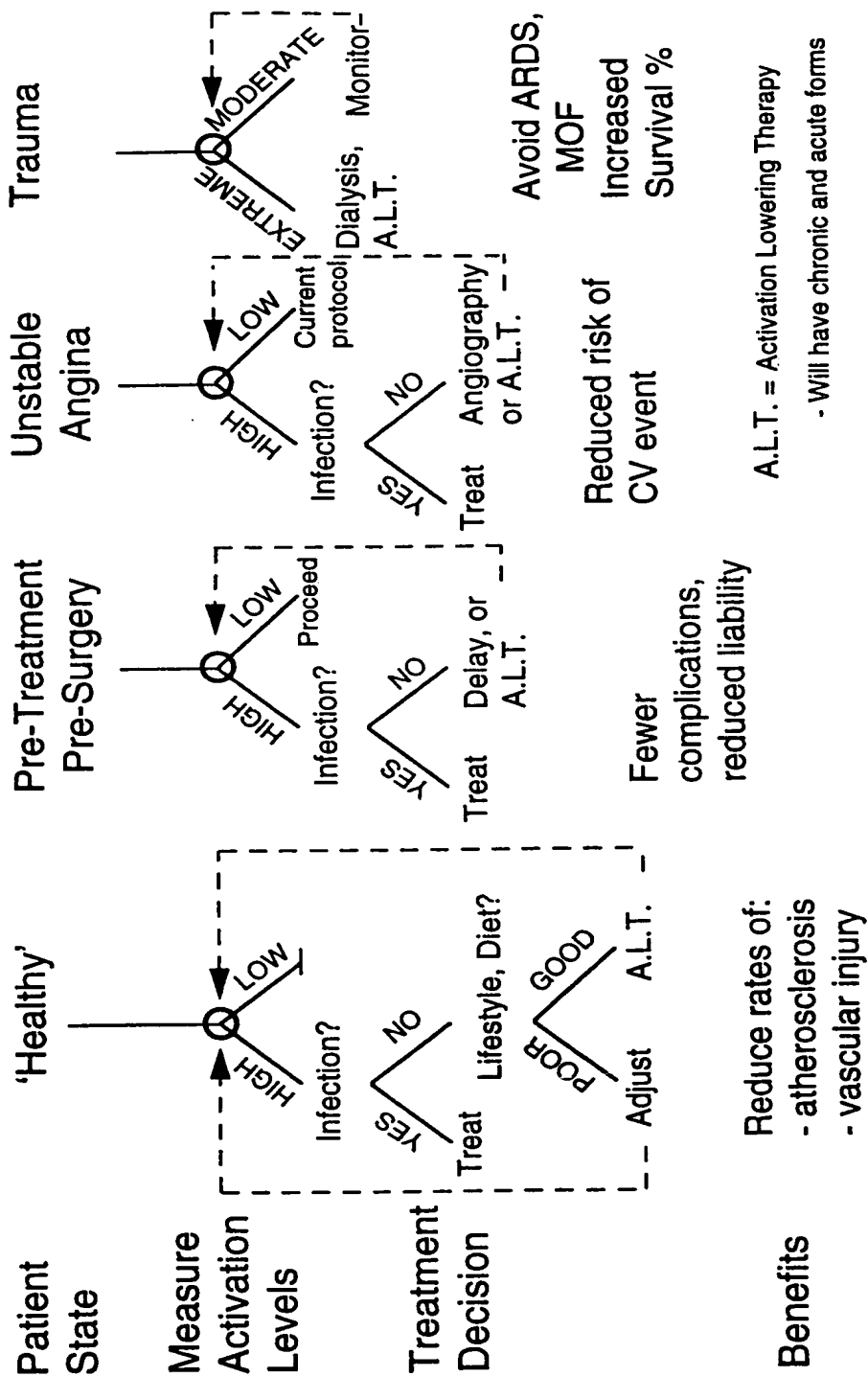
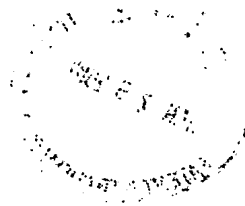


FIG. 2

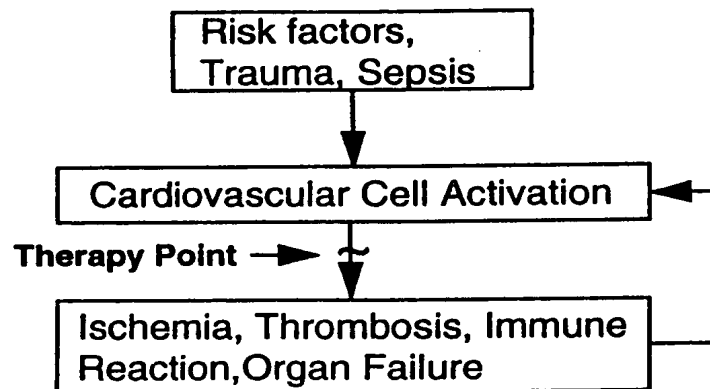
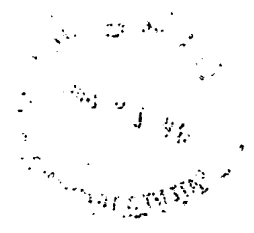


FIG. 3A

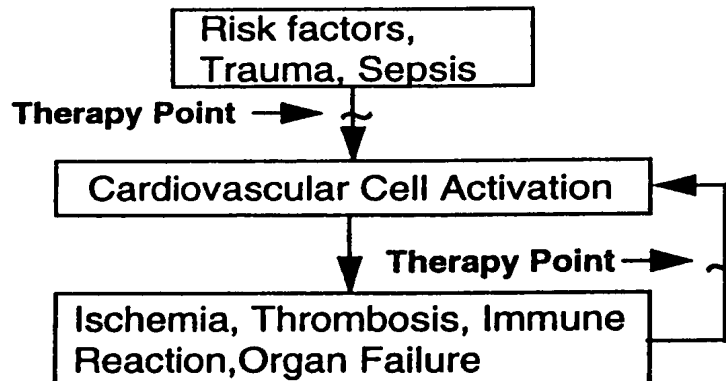
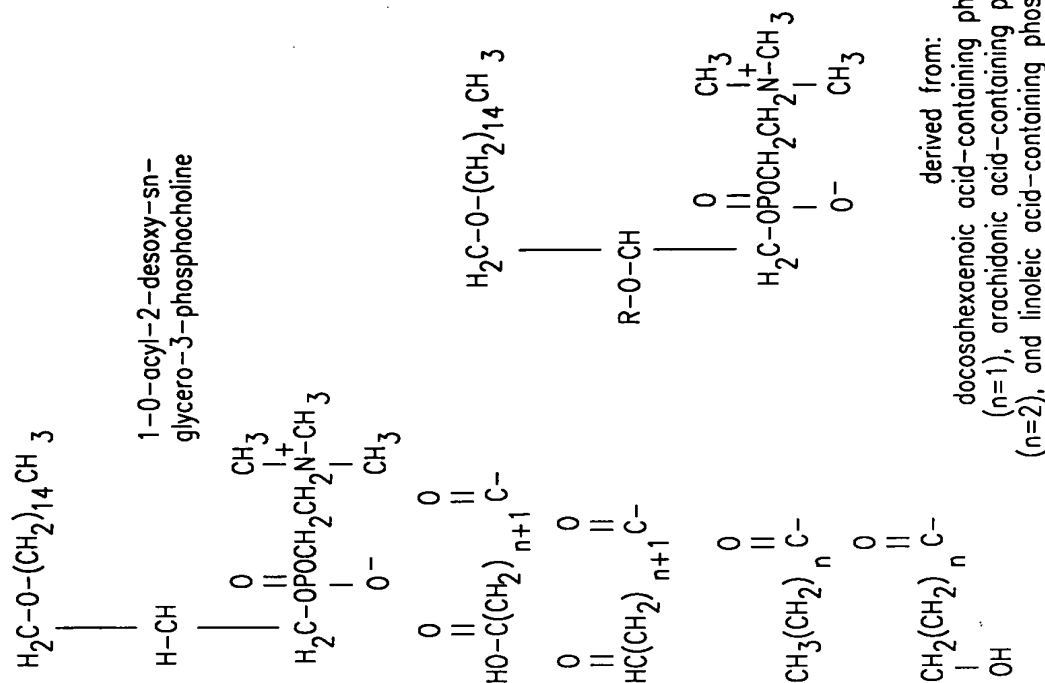
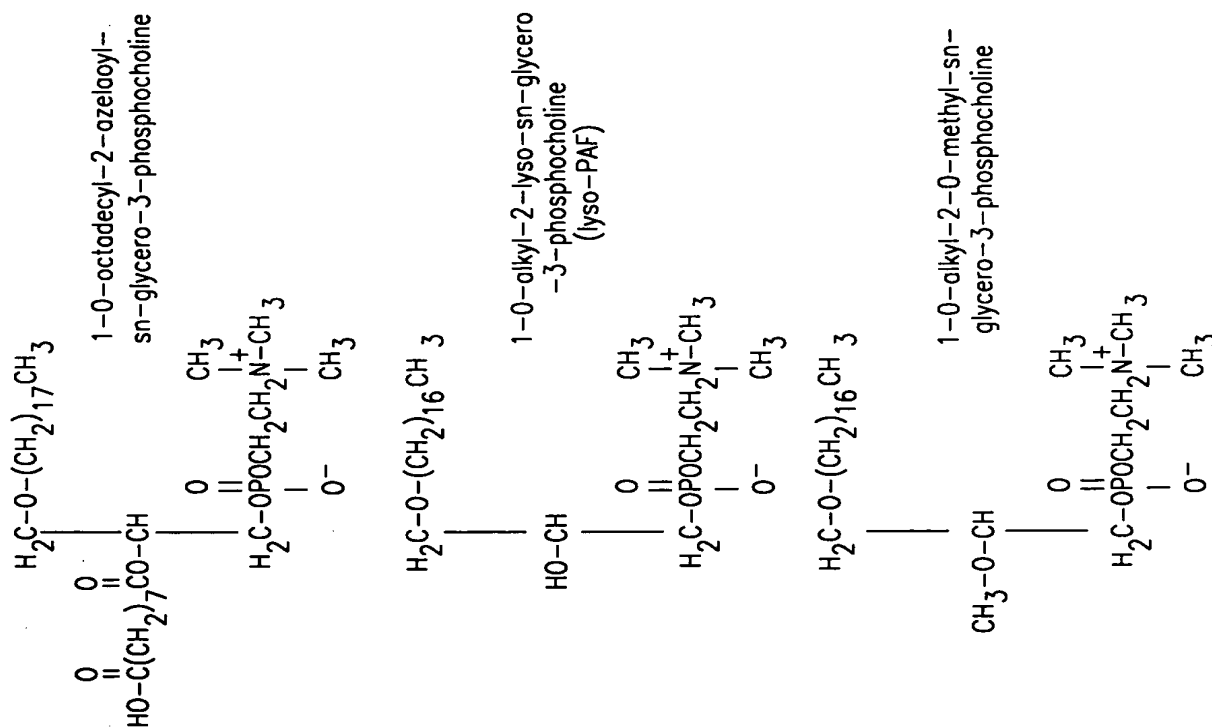


FIG. 3B



derived from:
docosahexaenoic acid-containing phosphatidylcholine
(n=1), arachidonic acid-containing phosphatidylcholine
(n=2), and linoleic acid-containing phosphatidylcholine (n=6)

FIG. 4

Applicant:
Serial No.:
Date:

Dkt. No.: 24730-2202
Stoughton *et al.*
09/038,894
March 11, 1998
Sheet 5 of 7

Letter Key for peptide origin:

b = bovine
h = hamster
m = man
o = other
r = rat

SR
AR
TNA
NAL
AL
TPTDDDDK
FPLDDDDK
FPVDDDDK
APFDDDDKI
APFDDDDK
DDDDK
CGVPAIQPVLSGLSR
CGVPAIPPVLSGLSR
CGVPAIQPVLSGL
CGVPAIPPVLSGLSR
CGVPSIPPVLS
CGVPAIKPALBFB
MAFLWLVSCFALVGATFG
MLRFLVFASLVLYGHS
MIRALLSTLVAGALS
CGYPTYEVQHDVSR
TQDFPETNAR
DFPETNAR
CGLPANLPQLPR
CGDPTYPPYVTR
CGVSTYAPDMSR
FPVDDDDK
VDDDDK
DSGISPR
EEGISSR
EAGLSNR
GISPR
ENGISPR
EHP
EHWSYGLRPG
VHLSAEEKEA
AGCKNFFWKFTFTSC
CYIQNCPRG
CYIQNCPLG
HSQGTFTSDYSKYLDSSRAQDFVQWLMNT
RPPGFSPFR
HSDGTFTSELSRLRDSARLQRLQLGLV
ISDRDYMGMWDF
SDNNQQGKSAQQGGY
ECG

p chymotrypsinogen A(14-15)
p chymotrypsinogen B(14-15)
b neochymo A autoactivation(147-9)
b neochymo B autoactivation(147-9)
b neochymo B autoactivation(148-9)
o anionic trypsinogen activation peptide
o cationic trypsinogen activation peptide
b cationic trypsinogen activation peptide
h trypsinogen residue (human)
h trypsinogen 2 peptide
h trypsinogen 3 peptide
b chymotrypsinogen A sigtransduction
p chymotrypsinogen A sigtransduction
b chymotrypsinogen B sigtransduction
p chymotrypsinogen B sigtransduction
p chymotrypsinogen C sigtransduction
p chymotrypsinogen D sigtransduction
r chymotrypsinogen B sigtransduction
r proelastase 1 sigtransduction
p proelastase 2 sigtransduction
r proelastase 2
r proelastase 1
r proelastase 1
p proelastase 2
m proelastase 2A
m proelastase 2B
p trypsinogen
b trypsinogen
m phospholipase A2
p phospholipase A2
b phospholipase A2
o phospholipase A2 (horse1)
o phospholipase A2 (horse2)
m thyrotropin-releasing
m gonadotropin-releasing
m growth-hormone-releasing
m somatostatin
m vasotocin
m oxytocin
m glucagon
m bradykinin
m secretin
m cholecystokinin-pancreozymin (C-term)
m scotophobin
m glutathione

FIG. 5A

SYSMEHFRWGKPVGKKRRPVKVYPNGAEDELAFAFPLEF p adrenocorticotropin
SYSMEHFRWGKPVGKKRRPVKVYPNGAEDESAUAFPLEF m adrenocorticotropin
SYSMEHFRWGKPVGKKRRPVKVYPNGEADSAQAFPLEF b adrenocorticotropin
SYSMEHFRWGKPV m MSH
DIGYS p CRP-I (C-reactive protein)
SWESA p CRP-II (C-reactive protein)
KPQLWP p CRP-III not reactive (C-reactive protein)
LFEVPEVT p CRP-IV not reactive (C-reactive protein)
VGGSEI p CRP-V not reactive (C-reactive protein)
WDFV p CRP-VI (C-reactive protein)
NMWDFV p CRP-VII (C-reactive protein)
LVAGD m leukotaxin (no sequence order)
RKPVLATNGSQDC m leukocyte promotion factor
SYSM m ACTH fragment
BMLF o fMLP (chemotactic factor)
TN b chymotrypsinogen A (247-8)
SHLVE o peptidetide cleaved by chymo C
AKKK o peptidetide cleaved at brushborder
AAAA o peptidetide cleaved at brushborder
KKKK o peptidetide cleaved at brushborder
AKKKK o peptidetide cleaved at brushborder
KKKKK o peptidetide cleaved at brushborder
LWMRFA o peptidetide cleaved at brushborder
KKKKKK o peptidetide cleaved at brushborder
VAAKIVG o peptidetide cleaved at brushborder
VCGE o insulin B fragment
LCGS o insulin B fragment
LVCG o insulin B fragment
ELR o neutrophil chemotactic peptide
ELRC o neutrophil chemotactic peptide
AELR o part of NAP-2
SSSGEHFEGEKVFHVNVEDENDIQ p pro-carboxypeptidase B
KEDFVGHQVLRISVDDEAQVQVKEL p carboxypeptidase A activation
peptide
MAGRGGSRVLALCAALAAGGWLLAA r carboxypeptidase E signal peptide
KEDFVGHQVLRITAADAEVQ p pro-carboxypeptidase A
TTGHSYEK p cleavage procarboxypeptide B
SVLEAQFDSR p cleaved F4 procarboxypeptidase B
HHDGEHFEGEKVFR p cleaved procarboxypeptidase B
YVTR h proelastase
VVG h proelastase 2
YVTR h proelastase activation sequence
AAPRGR o profactor D fragment
APRGR o profactor D fragment
STFWAYQPDGDNDPTDYQKYEHTSSPSQLLAPGDYPCVIE r CCK-releasing factor
GRGDSP o integrin endothelial (RGD)
GRGESP o integrin endothelial (RGE)
APGPR r enterostatin (gut)
vpgpr r enterostatin (pancreas)
FMRF o molluscan cardioexcitatory
LRDRDDIA r C-terminal glucagon pancreatic peptide
APVD r glucagonoma precursor

FIG. 5B

EHPG
 GGGPPS
 GGGPPY
 KRNRNIA
 HRRQL
 GLY
 YPALPEAPGEDASPDDLRYASLRHYLDLVTRQRY
 YY)
 SYSM
 YMEHFRW
 DRVYIHP
 VYIHPF
 RVYIHPI
 VIHN
 RPPGF
 RPPGFS
 RPPGFSP
 PPGFSP
 AGSE
 VGSE
 BMLFF
 BMMM
 VGDE
 YGGFLK
 YSGFLT
 YGGFMRF
 YMGFP
 RGDS
 GRGDTP
 WMDF
 LRPG
 HTATFK
 SMEVRGW
 YPFVEPIH
 YPF
 YAFAY
 YRFK
 TRSAW
 RPKP
 QQFFGLM
 FFGLM
 RKDVY
 DKWEL
 HKGKAR
 CVIKF
 FTPRL
 KQAGDV
 KEEAE
 KYK
 FLEEI
 WHWLQL

r Thyrotropin Re Hormone
 h composition of aa gliadin
 h composition of aa gliadin
 o proglucagon
 o preprogastrin, preproCCK
 o pancreatic peptide cleavage produce
 o PYY (pancreatic peptide
 YY)
 o adrenocorticotropin hormone fragment H
 o adrenocorticotropin hormone fragment H
 p Angiotensin II fragment
 o Angiotensin II fragment horse
 p Angiotensin III fragment
 p Angiotensinogen fragment
 o bradykinin fragments 1-5
 o bradykinin fragments 1-6
 o bradykinin fragments 1-7
 o bradykinin fragments 2-7
 o chemotactic factor for eosinophils
 o chemotactic factor for eosinophils
 o fMLP w/ Phe group
 o fMLP class
 o fMLP class
 o leucine enkephalin lys
 o ser-leu enkephalin-thr
 o met enkephalin arg phe
 o D-met, pro enkephalinamide
 o supports fibroblast attachment
 o supports fibroblast attachment
 o CCK fragment 30-33
 o leutenizing hormone fragment
 o alpha-melanocyte stimulatory hormone
 o delta-melanocyte stimulatory hormone
 o beta-casomorphin
 o beta-casomorphin fragment 1-3
 o D-ala,tyr- fragment 1-5 amide
 o D-arg,lys fragment 1-4 amide
 h hypercalcemia of malignancy factor
 o substance P fragment 1-4
 o substance P fragment 5-11
 o substance P fragment 7-11
 o thymopoietin II fragment 32-6
 o U5 peptide
 h C3a 72-77 fragment
 o hydra peptide fragment 7-11
 o leukopyrokinin fragment 4-8
 o RGD related peptide
 o lys-thymosin alpha1 fragment
 o responsible for nicks at purine in DNA
 r prothrombin precursor 5-9
 o alpha1 mating factor fragment

FIG. 5C